

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In re Application of Atty. Docket

ANDRE LATENSTEIN VAN VOORST

NL000446

Filed: CONCURRENTLY

Title: SCANNING DEVICE COMPRISING A MAGNETICALLY GUIDED LINEAR MOTOR

Commissioner for Patents, Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend Claims 4 and 6 to be in the form as follows. A marked up copy of the claims is included in an appendix following this amendment for the Examiners convenience.

4. A scanning device as claimed in claim 2, characterized in that the control unit uses the measured mutual position of the two parts of the linear motor to determine a mutual inclination of the two parts about said shaft, while the control loop uses the measured inclination to adjust a desired mutual inclination of the two parts about said shaft.

6. A scanning device as claimed in claim 3, characterized in that the sensor comprises three Hall sensors, which each measure the strength of a magnetic field originating from the magnets and present near, respectively, one of the three coils.